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[Dep. Hyg. & Microbiol., Fac. Vet. Med., Hokkaido Univ., Kita 18-Nishi 9, Kita, Sapporo, Hokkaido 060, Japan] Data for 29 spp.

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[Natl. Wildl. Health Lab., 6006 Schroeder Rd., Madison, WI 53711] *Branta canadensis*, *Anas platyrhynchos*, *Clangula hyemalis*, and *Bonasa umbellus.*

83-003850 Torres, Patricio; Luis Figueroa, Andrés Saldivia and Javier Barrientos. GASTROINTESTINAL HELMINTHS OF FISH-EATING BIRDS FROM THE VALDIVIA RIVER, CHILE. *J. Parasitol.* 68(6):1157. Dec. 1982. WR 189
[Inst. Parasitol., Univ. Austral de Chile, Valdivia, Chile] *Podiceps major*, *Larus dominicanus*, *Pelecanus thagus*, and *Phalacrocorax olivaceus.*

83-003851 Wilcox, G. E.; R. L. P. Flower; W. Baxendale and J. S. Mackenzie. SEROLOGICAL SURVEY OF WILD BIRDS IN AUSTRALIA FOR THE PREVALENCE OF ANTIBOIDES TO EGG DROP SYNDROME 1976 (EDS-76) AND INFECTIOUS BURSAL DISEASE VIRUSES. *Anim. Pathol.* 12(1):135-139. 1983. In English with French and German summ. WR 189
[School Vet. Studies, Murdoch Univ., Murdoch, Western Australia, Australia] Data for 11 spp.

BIRDS--ECONOMICS, DAMAGE, PREDATION, AND CONTROL

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[132 Holdsworth Rd., Williamsburg, VA 23185] *Larus atricilla* and *Calidris alba* in North Carolina.

83-003853 Brown, Christopher and Wayne Whitfield. A GYMNOGENE KILL. *Bokmakierie* 34(4):81-82. Dec. 1982. WR 189
[Zool. Dep., P.O. Box 375, Pietermaritzburg 3200, South Africa] *Polyboroides typus* preying on *Apus barbatus* in South Africa.

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[U.S. Fish & Wildl. Serv., 1011 E. Tudor Rd., Anchorage, AK 99503] *Haliaeetus leucocephalus* and 6 spp. of seabirds.

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[Dep. Zool., Univ. Gothenburg, Box 25059, S-400 31 Gothenburg, Sweden] *Parus* spp., *Certhia familiaris* and *R. regulus* in Sweden.

83-003856 Loiselle, Bette A. and William G. Hoppes. NEST PREDATION IN INSULAR AND MAINLAND LOWLAND RAINFOREST IN PANAMA. *Condor* 85(1):93-95. Feb. 1983. WR 189
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Spizaetus tyrannus and *Agriocharis ocellata* in Belize.

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[Inst. Terrestrial Ecol., Monks Wood Exp. Stn., Abbots Ripton, Huntingdon, Cambridge PE17 2LS, England] *Corvus corax*, *B. buteo*, and *M. milvus*.

83-003859 Olsen, Klaus Malling. FJÄLLVRÅK ANGRIPER OCH DÖDAR JORDUGGLA. [SHORT-EARED OWL, *ASIO FLAMMEUS*, ATTACKED AND KILLED BY ROUGH-LEGGED BUZZARD, *BUTEO LAGOPUS*.] *Vår Fågelvärld* 42(1):33. 1983. In Swedish with English summ. WR 189
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83-003860 Püttger, Armin. SILBERMÖWEN (*LARUS ARGENTATUS*) GREIFEN ZUGVÖGEL AN. [HERRING GULL *LARUS ARGENTATUS* PREYING UPON MIGRATING BIRDS.] *Corax* 8(4):319. Dec. 1981. In German. WR 189
[Philosophenweg 4, 2200 Elmshorn, West Germany]

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[Ecol. Div., DSIR, Goddard's Lane, Havelock North, New Zealand]

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[Raptor Rehab. Cent., Coll. Vet. Med., Univ. Minn., St. Paul 55108] *Columba livia*.

83-003863 Ritchison, Gary. COMMON GRACKLE KILLS CEDAR WAXWING. *Ky. Warbler* 58(4):91-92. Nov. 1982. WR 189
[Dep. Biol. Sci., Eastern Ky. Univ., Richmond 40475] *Quiscalus quiscula* and *Bombycilla cedrorum* in Kentucky.

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83-003864 Ruelle, Philippe and Richard L. Bruggers. SENEGAL'S TRADE IN CAGE BIRDS, 1979-81. *U.S. Fish Wildl. Serv. Wildl. Leafl.* 515. 11p. 1983. WR 189
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83-003866 Storm, Ingvar. STORLOM ANFALLER OCH ÄTER UPP KNIPUNGE. [BLACK-THROATED DIVER, *GAVIA ARCTICA*, ATTACKING AND EATING A GOLDENEYE, *BUCEPHALA CLANGULA*, DUCKLING.] *Vår Fågelvärld* 42(1):33. 1983. In Swedish with English summ. WR 189
[Kommendörsgatan 42, 114 58 Stockholm, Sweden]

83-003867 Walker, D. G. HERRING GULL KILLING BLACK-HEADED GULL. *Br. Birds* 75(12):580-581. Dec. 1982. WR 189
[203 The Broadway, Cullercoats, North Shields, Tyne & Wear NE30 3DQ, England] *Larus argentatus* and *L. ridibundus*.

83-003868 Whitmore, Mary J. EGG PREDATION AND POSSIBLE USURPTION OF AN AUSTRALIAN MAGPIE-LARK'S NEST BY APOSTLEBIRDS. *Emu* 81(2):111-112. Apr. 1981. WR 189
[Dep. Zool., Univ. Queensland, St. Lucia, Queensland, Australia 4067] *Struthidea cinerea* and *Grallina cyanoleuca* in Australia.

GALLINACEOUS BIRDS--GENERAL

83-003869 Gutiérrez, R. J.; Robert M. Zink and Suh Y. Yang. GENIC VARIATION, SYSTEMATIC, AND BIOGEOGRAPHIC RELATIONSHIPS OF SOME GALLIFORM BIRDS. *Auk* 100(1):33-47. Jan. 1983. WR 189
[Dep. Wildl. Manage., Humboldt State Univ., Arcata, CA 95521] Starch gel electrophoresis was used to evaluate levels and patterns of genic differentiation among 10 species of galliform birds in the Phasianidae (9) and Tetraonidae (1).--From abstr.

83-003870 Lebreton, Philippe. QUELQUES REMARQUES D'ORDRE ÉCOLOGIQUE ET BIOLOGIQUE FORMULÉES A PROPOS DES GALLINACÉS EUROPÉENS. [SOME REMARKS ON THE ECOLOGICAL AND BIOLOGICAL FORMULAE IN REFERENCE TO EUROPEAN GALLIFORMES.] *Alauda* 50(4):260-277. 1982. In French with English summ. WR 189
[Cent. Ornithol. Rhône-Alpes, Univ. Claude Bernard Lyon-I, F-69622 Villeurbanne Cedex, France]

83-003871 Sokolov, G. A.; N. N. Balagura and V. G. Maximushkin. [FEEDING ECOLOGY OF THE HAZEL HEN (*TETRASTES BONASIA*) AND DAURIAN PARTRIDGE (*PERDIX DAURICA*) NEAR THE ENISEY RIVER AT THE WESTERN SAYAN.] *Ornitologiya* 14:221-224. 1979. In Russian. WR 189

GROUSE AND PTARMIGAN

83-003872 Babenko, V. G. and V. A. Ostapenko. [ABORTIVE DISPLAY SONGS OF THE BLACK-BILLED CAPERCAILLIE (*TETRAO PARVIROSTRIS*) AT THE KAMCHATKA.] *Ornitologiya* 14:203. 1979. In Russian. WR 189

83-003873 Beckerton, Patrick R. and Alex L. A. Middleton. EFFECTS OF DIETARY PROTEIN LEVELS ON BODY WEIGHT, FOOD CONSUMPTION, AND NITROGEN BALANCE IN RUFFED GROUSE. *Condor* 85(1):53-60. Feb. 1983. WR 189
[Ontario Minist. Nat. Resour., Bracebridge, Ontario, Canada P0B 1C0] *Bonasa umbellus* in Canada.

83-003874 Bendell, James F.; David G. King and David H. Mossop. REMOVAL AND REPOPULATION OF BLUE GROUSE IN A DECLINING POPULATION. *J. Wildl. Manage.* 36(4):1153-1165. Oct. 1972. WR 189
Dendragapus obscurus in Canada.

83-003875 Braun, Clait E.; Raymond K. Schmidt, Jr. and Glenn E. Rogers. CENSUS OF COLORADO WHITE-TAILED PTARMIGAN WITH TAPE-RECORDED CALLS. *J. Wildl. Manage.* 37(1):90-93. Jan. 1973. WR 189
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Gallinula chloropus and *Porphyrula martinica*.--Courtesy/Mary Elizabeth Young.

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83-004320 Nilsson, Sven G. UTBREDNING, BESTÅNDSSTORLEK, HÄCKNINGSFREKVENS OCH BIOTOPVAL FÖR HÄCKANDE HAVSTRUT *LARUS MARINUS* OCH GRÅTRUT *L. ARGENTATUS* I SYDVÄSTRA SMÅLAND. [DISTRIBUTION, POPULATION SIZES, BREEDING FREQUENCY, AND HABITAT SELECTION OF GREAT BLACK-BACKED GULL, *LARUS MARINUS*, AND HERRING GULL, *L. ARGENTATUS*, IN LAKES OF SOUTHWESTERN SMÅLAND, SOUTH SWEDEN.]

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83-004336 Pourreau, J. CHEVALIER GAMBETTE PARTIELLEMENT ALBINOS. [PARTIAL ABLINISM IN REDSHANK.] *Cormoran* 4(5):243. 1982. In French with English summ. WR 189
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